

Converting Colors

XYZ(40.3560, 32.7328, 52.7432)

Have a look what the booklet for
XYZ(40.3560, 32.7328, 52.7432)
contains.

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Color

**XYZ(40.3466, 32.7954,
52.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	C288BE
RGB	194, 136, 190
RGB Percent	76%, 53%, 75%
CMY	0.2392, 0.4666, 0.2549
CMYK	0.00, 0.30, 0.02, 0.24
HSL	304°, 32%, 65%
HSV	304°, 30%, 76%
XYZ	40.3466, 32.7954, 52.9188
YIQ	159.4980, 17.2340, 29.0900

Conversions

Conversions Part 2

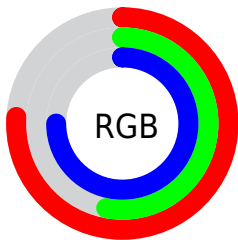
Format	Color
RYB	194, 136, 190
Decimal	12748990
CIELab	63.99, 30.97, -19.32
CIELCh	64, 36.502, 328.036
Yxy	32.7954, 0.3201, 0.2602
Android (android.graphics.Color)	4290939070 (0xFFC288BE)
YUV	159.4980, 15.0375, 30.2583
Hunter-Lab	57.2673, 25.5412, -14.7009

Details

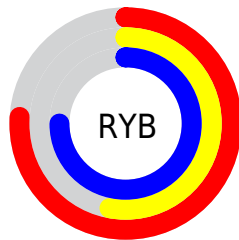
The XYZ color **40.3466, 32.7954, 52.9188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.1802, 45.7124, 31.8348**, and the grayscale version is **33.1113, 34.8357, 37.9360**.

A 20% lighter version of the original color is **74.8317, 63.9900, 95.5960**, and **18.4113, 13.7921, 25.3587** is the 20% darker color. If you saturate the color by 10%, you get **37.7125, 27.7596, 51.3227**, and if you desaturate by 10%, it is **43.4786, 38.8237, 54.6882**.

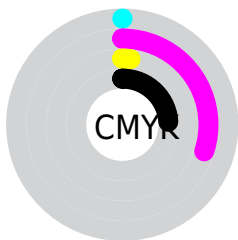
Distribution



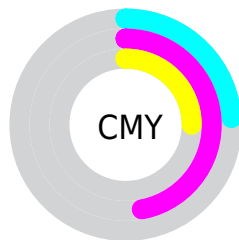
- Red (76%)
- Green (53%)
- Blue (75%)



- Red (76%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3466, 32.7954, 52.9188 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.3466, 32.7954, 52.9188 by changing the saturation by 10% instead.

 40.3466, 32.7954,
52.9188


 40.3466, 32.7954,
52.9188

338.6917,
314.7268, 415.0310


 27.9943, 21.9698,
37.3507


 74.9720, 64.0560,
95.9252

 18.4618, 13.8347,
25.1812


 97.9758, 85.2597,
124.2006

 11.3837, 8.0058,
15.9919


 125.2609,
110.6915, 157.5488

 6.3947, 4.0986,
9.3641

157.1925,
140.7359, 196.3883

 3.1295, 1.7289,
4.8794

194.1360,
175.7773, 241.1378

 1.2226, 0.4423,
2.1192

236.4568,

 0.1241, 0.0000,

216.1999, 292.2157

0.6271

284.5203,
262.3883, 350.0406

■ 0.0000, 0.0000,
0.0000

■ 40.3466, 32.7954,
52.9188

■ 40.3466, 32.7954,
52.9188

■ 37.7125, 27.7596,
51.3227

■ 43.4786, 38.8237,
54.6882

■ 35.5465, 23.6585,
49.8890

■ 47.1301, 45.8894,
56.6370

■ 33.8204, 20.4351,
48.6085

■ 51.3252, 54.0401,
58.7737

■ 32.5018, 18.0244,
47.4703

■ 56.0856, 63.3191,
61.1054

■ 31.5536, 16.3526,
46.4622

■ 61.4316, 73.7674,
63.6391

■ 30.9322, 15.3322,
45.5696

■ 67.3828, 85.4238,
66.3812

■ 30.5536, 14.7951,
44.7644

■ 68.3601, 87.1302,
67.4721

■ 30.5499, 14.7901,
44.7561

■ 68.5166, 87.1928,
68.2962

■ 68.6744, 87.2559,
69.1274

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.0595, 32.7954, 67.0345



40.3466, 32.7954, 52.9188



42.1486, 32.7954, 36.6891

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.3466, 32.7954, 52.9188



31.5116, 32.7954, 14.2074



23.2241, 32.7954, 50.7612

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.3466, 32.7954, 52.9188



34.1802, 45.7124, 31.8348

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.2871, 32.7954, 34.7457



40.3466, 32.7954, 52.9188



26.7456, 32.7954, 16.0744

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.3466, 32.7954, 52.9188



36.7110, 32.7954, 16.6519



23.5041, 32.7954, 22.7042



26.2185, 32.7954, 65.5667

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.3466, 32.7954, 52.9188



41.5636, 32.7954, 27.6301



23.5041, 32.7954, 22.7042



22.6736, 32.7954, 45.2257

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.3476, 32.7968, 52.9195



85.9238, 84.1804, 102.8897



29.3360, 27.0689, 54.7184



18.5857, 17.9872, 22.4116



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.3476, 32.7968, 52.9195



69.8148, 53.1332, 93.9106



37.4983, 31.6571, 37.9154



10.4663, 10.2351, 12.5463



20.0978, 9.7289, 29.4909



0.8775, 0.4240, 1.3225

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.3476, 32.7968, 52.9195



69.8148, 53.1332, 93.9106



36.5953, 46.6785, 44.5529



10.4663, 10.2351, 12.5463



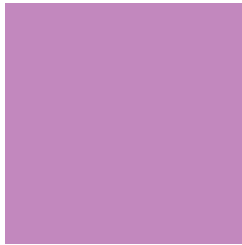
20.0978, 9.7289, 29.4909



0.8775, 0.4240, 1.3225

Previews

White Background



This preview shows how the XYZ color 40.3466, 32.7954, 52.9188 looks on a white background.

Color Contrast Check

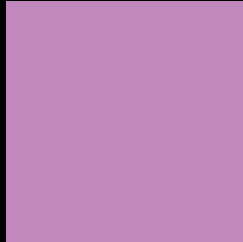
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.3466, 32.7954, 52.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

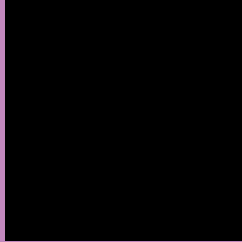
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3466, 32.7954, 52.9188

Background



This preview shows how black text looks on a background with the XYZ color 40.3466, 32.7954, 52.9188.



This preview shows how white text looks on a background with the XYZ color 40.3466, 32.7954,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.3466, 32.7954, 52.9188

Protanopia

33.4904, 33.1738, 61.1380

Deuteranopia

33.7154, 33.0129, 51.6088



Tritanopia

36.6415, 32.7968, 34.9711

Trichromacy



Original Color

40.3466, 32.7954, 52.9188

Protanomaly

35.3247, 32.5217, 57.8416

Deuteranomaly

35.7182, 32.6236, 51.9914

Tritanomaly

37.8390, 32.6226, 40.8617

Monochromacy



Original Color

40.3466, 32.7954, 52.9188

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.4306, 33.8441, 43.1933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3466, 32.7954, 52.9188 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 136, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 136, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 190) }
```

Border

The CSS property to change the border of an element to XYZ 40.3466, 32.7954, 52.9188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 136, 190) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 136, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 136, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3466, 32.7954, 52.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
136, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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